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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/803,319 |
| | | Filing Date | March 18, 2004 |
| | | First Named Inventor | Rafael L. Espinoza |
| | | Art Unit | |
| | | Examiner Name | |
| Total Number of Pages in This Submission | | Attorney Docket Number | 1856-43200 (9730.0-02) |

| ENCLOSURES (check all that apply) | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <i>PTO-1449 (1 p.); and acknowledgement postcard</i> |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|----------------------------|
| Firm Or Individual Name | Marcella D. Watkins 36,962 |
| Signature | |
| Date | May 4, 2004 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|--|--|------------------|-------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Typed or Printed Name | | Sandra K. Begley | |
| Signature | | Date | May 4, 2004 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Rafael L. Espinoza et al.

SERIAL NO.: 10/803,319

FILED: March 18, 2004

FOR: Optimized Particle Distribution for Slurry Bubble Column Reactors §

§ GROUP ART UNIT:
§ Unknown
§
§ EXAMINER:
§ Unknown
§

INFORMATION DISCLOSURE STATEMENT

Atty. Dkt. No.: 1856-43200 (9730.0-02)

Date: May 4, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

As this Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97(b), no certification or fee is required.

Respectfully submitted,

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MAY 06 2004

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.
1856-43200
(9730.0-02)Serial No.
10/803,319Applicant
Rafael L. Espinoza et al.Filing Date
March 18, 2004

Group

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|------------|-----------------------------|-------|---------------|-------------------------------|
| | AA | 5348982 | 09/20/1994 | <i>Herbolzheimer et al.</i> | 518 | 700 | |
| | AB | 6348510 | 02/19/2002 | <i>Maretto et al.</i> | 518 | 715 | 06/16/2000 |
| | AC | 2003/0114543 | 06/19/2003 | <i>Zhang et al.</i> | 518 | 728 | 12/14/2001 |
| | AD | 2004/0050806 | 03/18/2004 | <i>Espinoza et al.</i> | 210 | 806 | 09/13/2002 |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | Translation | |
|--|----|--------------------|----------|---------|-------|---------------|-------------|----|
| | | | | | | | YES | NO |
| | AE | 0 450 860 A2 | 27.03.91 | Europe | B01J | 8/22 | | |
| | | | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.